

*D1*  
*B1*  
another, wherein the joined shaped parts form a receptacle for holding a specimen, wherein at least one of the shaped parts comprises a diamond.

2. (Amended) The specimen holder as defined in Claim 1, wherein at least one of the shaped parts is disk-shaped.

*D1*  
*B2*  
3. (Twice Amended) The specimen holder as defined in Claim 1, wherein a spacer ring fabricated from metal is provided between the shaped parts.

*D1*  
*B3*  
4. (Amended) The specimen holder as defined in Claim 3, wherein both shaped parts are disk-shaped diamonds.

*D1*  
*B4*  
5. (Twice Amended) The specimen holder as defined in Claim 1, wherein one of the shaped parts comprises a diamond and the other of the shaped parts is fabricated from metal, is disk-shaped, and comprises a shaped-on bead running around a rim of the disk.

*D1*  
*B5*  
6. (Amended) The specimen holder as defined in Claim 1, wherein the diamond comprises an orifice for the delivery of high pressure.

*D1*  
*B6*  
7. (Twice Amended) The specimen holder as defined in Claim 3, wherein the metal comprises one of gold, aluminum, and copper.

*D1*  
*B7*  
8. (Amended) The specimen holder as defined in Claim 3, wherein each shaped part has a planar surface on a surface facing the receptacle, and the spacer is configured to serve as a seal between said planar surfaces and to define the specimen receptacle.

*sub*  
*sub C2*  
*D1*  
*B8*  
9. (Twice Amended) The specimen holder as defined in Claim 1, wherein the diamond is polycrystalline CVD diamond.

10. (Twice Amended) The specimen holder as defined in Claim 1, wherein at least one of the shaped parts has an irregularly shaped external surface.

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11. (New) The specimen holder as defined in Claim 1, wherein said at least one of the shaped parts consists of a diamond.

12. (New) The specimen holder as defined in Claim 2, wherein a spacer ring fabricated from metal is provided between the shaped parts.

13. (New) The specimen holder as defined in Claim 5, wherein the metal comprises one of gold, aluminum, and copper.

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14. (New) The specimen holder as defined in Claim 4, wherein one of the parts comprises an orifice for the delivery of high pressure.

15. (New) The specimen holder as defined in Claim 3, wherein one of the shaped parts comprises a high-pressure conduit and the other of the shaped parts comprises a disk-shaped diamond.

16. (New) The specimen holder as defined in Claim 1, wherein one of the shaped parts comprises a high-pressure conduit and the other of the shaped parts comprises:

a disk-shaped diamond; and

a disk-shaped metal piece having a shaped-on bead running around a rim of the disk and having a bottom,

wherein the bead is configured to define the receptacle.

17. (New) The specimen holder as defined in Claim 16, wherein the metal piece is located between the diamond and said one of the shaped parts, and wherein said bottom is in contact with the diamond.